

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|------------------------------------|------------------|
| - | 8 | ("4419805") or ("4413930") or ("4516885") or ("4512292") or ("3188815") or ("4162133") or ("4655645") or ("4664561").PN. | USPAT | 2004/11/14 15:34 |
| - | 8 | ("4678374") or ("4679966") or ("4764055") or ("4904123") or ("4913593") or ("4969778") or ("5011337") or ("5244314").PN. | USPAT | 2003/02/26 13:38 |
| - | 357 | (mining or rock) adj bolt | USPAT | 2003/06/25 13:48 |
| - | 3 | ((mining or rock) adj bolt) and spinner | USPAT | 2003/06/25 13:49 |
| - | 37 | (411/26).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 18:53 |
| - | 17 | (411/82.3).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 22:59 |
| - | 16 | ((4419805") or ("4413930") or ("4516885") or ("4512292") or ("3188815") or ("4162133") or ("4655645") or ("4664561") or ("4678374") or ("4679966") or ("4764055") or ("4904123") or ("4913593") or ("4969778") or ("5011337") or ("5244314")).PN. | USPAT | 2003/06/25 20:44 |
| - | 72 | (405/259.4).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 20:45 |
| - | 338 | (405/259.6).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 22:58 |
| - | 1474 | ((405/259.1) or (405/259.3) or (405/259.5)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 22:58 |
| - | 442 | ((411/26).CCLS.) or ((411/82.3).CCLS.) or (((4419805") or ("4413930") or ("4516885") or ("4512292") or ("3188815") or ("4162133") or ("4655645") or ("4664561") or ("4678374") or ("4679966") or ("4764055") or ("4904123") or ("4913593") or ("4969778") or ("5011337") or ("5244314")).PN.) or ((405/259.4).CCLS.) or ((405/259.6).CCLS.) or ((405/259.1) or (405/259.3) or (405/259.5)).CCLS.) not (((411/26).CCLS.) or ((411/82.3).CCLS.) or (((4419805") or ("4413930") or ("4516885") or ("4512292") or ("3188815") or ("4162133") or ("4655645") or ("4664561") or ("4678374") or ("4679966") or ("4764055") or ("4904123") or ("4913593") or ("4969778") or ("5011337") or ("5244314")).PN.) or ((405/259.4).CCLS.) or ((405/259.6).CCLS.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 22:59 |
| - | 1293 | "4516883".PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/06/25 23:40 |
| - | 6 | 4516883.URPN. | USPAT | 2003/06/25 23:40 |
| - | 6 | ("0660559") or ("3227031") or ("0508254") or ("1120368") or ("1072246") or ("4516883").PN. | USPAT | 2003/06/27 01:47 |
| - | 1 | "5011337".PN. | USPAT | 2003/12/31 13:04 |
| - | 980 | ((405/259.1) or (405/259.3) or (405/259.4) or (405/259.5) or (405/259.6)).CCLS. | USPAT; US-PGPUB | 2003/12/31 16:15 |
| - | 694 | ((411/24) or (411/26) or (411/82) or (411/82.3) or (411/258) or (411/930)).CCLS. | USPAT; US-PGPUB | 2003/12/31 16:51 |
| - | 3 | ("5052861") or ("4556344") or ("5076734").PN. | USPAT; US-PGPUB | 2003/12/31 16:51 |
| - | 1 | "6742966".PN. | USPAT | 2004/10/19 20:08 |

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|---|--|-----|---|--|------------------|
| - | | 1 | ("4202421") . PN. | USPAT | 2004/10/19 20:08 |
| - | | 1 | ("4201421") . PN. | USPAT | 2004/10/19 20:30 |
| - | | 1 | ("3397012") . PN. | USPAT | 2004/10/19 20:30 |
| - | | 66 | ("0508254" "0660559" "1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019") . PN. | USPAT | 2004/10/19 20:40 |
| - | | 1 | ("6742966") . PN. | USPAT | 2004/11/14 16:18 |
| - | | 75 | (411/32) . CCLS. | USPAT; US-PPGPUB; EPO; JPO; DERWENT | 2004/11/14 16:51 |
| - | | 200 | ((411/1) or (411/5)) . CCLS. | USPAT; US-PPGPUB; EPO; JPO; DERWENT | 2004/11/14 17:28 |
| - | | 66 | ("1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019") . PN. | USPAT | 2004/11/14 18:14 |
| - | | 66 | ("1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019") . PN. | USPAT | 2004/11/14 18:17 |
| - | | 1 | ("6742966") . PN. | USPAT | 2004/11/14 18:17 |

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| - | 66 | ("0508254" "0660559" "1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019"). PN. | USPAT | 2004/11/14 18:15 |
| - | 66 | ("1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019"). PN. | USPAT | 2004/11/14 18:16 |
| - | 66 | ("0508254" "0660559" "1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019"). PN. | USPAT | 2004/11/14 18:16 |
| - | 0 | (("0508254" "0660559" "1072246" "1120368" "2647431" "2667099" "2783673" "3188815" "3227031" "3315557" "3941028" "4051683" "4160614" "4162133" "4173918" "4192631" "4193715" "4194858" "4299515" "4413930" "4419805" "4483645" "RE31776" "4497403" "4512292" "4516883" "4516885" "4516886" "4518292" "4534679" "4534680" "4556344" "4611954" "4655645" "4664561" "4678374" "4679966" "4704053" "4764055" "4861197" "4861198" "4904123" "4913593" "4969778" "5009549" "5011337" "5033910" "5042961" "5052861" "5064311" "5064312" "5073065" "5076734" "5078547" "5082399" "5184923" "5219248" "5232311" "5244314" "5275512" "5316414" "5344257" "5352066" "5501551" "5599140" "RE36019"). PN. | USPAT | 2004/11/14 18:17 |
| - | 66 | ("30508234" "3060289" "40818838" "4100668" "2662131" "2663098" "2782633" "3108815" "3227031" "3329553" "3911928" "4059803" "4180618" "4182138" "4193908" "4592092" "4598889" "4596888" "4890886" "4818909" "4839809" "4884680" "RE95346" "4691903" "4552892" "4566881" "4516885" "4510886" "4500929" "4384639" "4881690" "4856198" "4801923" "4853693" "4869568" "58009349" "5811967" "5000950" "5062955" "5852881" "5861398" "5004322" "5813069" "5006738" "5000549" "5082399" "5082920" "5042968" "5032861" "5064314" "5064312" "5016065" "5046254" "5038067" "50029920" "5244314" "5275512" "5316414" "5320268" "5288352066" "2667099" "2783673" "3188815" "3227031" "3315557" "5501551" "5599140" "RE36019"). PN. | USPAT | 2004/11/14 18:17 |

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| - | 10 | (("3227031") or ("0660559") or ("0508254") or ("1120368") or ("1072246") or ("4162133") or ("4516885") or ("5011337") or ("5082399") or ("5244314")).PN. (411/8) or (411/9)).CCLS. | USPAT | 2004/11/14 18:43 |
| - | 152 | | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/11/14 20:00 |
| - | 1 | ("6293743").PN. | USPAT | 2004/11/14 20:19 |
| - | 32 | ("0570786" "0660559" "0719426" "0945403" "1120367" "1120408" "1120410" "1639231" "1852089" "3054320" "3213744" "3493163" "3703119" "3742809" "3766819" "3911782" "3974734" "4056037" "4100834" "4114654" "4195547" "4330230" "4484848" "4537541" "4772166" "4789282" "4854793" "4904135" "4946325" "5161916" "5169269" "5593261").PN. | USPAT | 2004/11/14 20:00 |
| - | 1 | 6293743.URPN. | USPAT | 2004/11/14 20:17 |
| - | 1 | ("5816759").PN. | USPAT | 2004/11/14 20:19 |
| - | 31 | ("0570786" "0660559" "0719426" "0945403" "1120367" "1120408" "1120410" "1639231" "1852089" "3213744" "3493163" "3703119" "3742809" "3766819" "3911782" "3974734" "4056037" "4100834" "4114654" "4195547" "4330230" "4484848" "4537541" "4772166" "4789282" "4854793" "4904135" "4946325" "5161916" "5169269" "5593261").PN. | USPAT | 2004/11/14 20:22 |
| - | 0 | ((("0570786" "0660559" "0719426" "0945403" "1120367" "1120408" "1120410" "1639231" "1852089" "3054320" "3213744" "3493163" "3703119" "3742809" "3766819" "3911782" "3974734" "4056037" "4100834" "4114654" "4195547" "4330230" "4484848" "4537541" "4772166" "4789282" "4854793" "4904135" "4946325" "5161916" "5169269" "5593261").PN.) not ((("0570786" "0660559" "0719426" "0945403" "1120367" "1120408" "1120410" "1639231" "1852089" "3054320" "3213744" "3493163" "3703119" "3742809" "3766819" "3911782" "3974734" "4056037" "4100834" "4114654" "4195547" "4330230" "4484848" "4537541" "4772166" "4789282" "4854793" "4904135" "4946325" "5161916" "5169269" "5593261").PN.) | USPAT | 2004/11/14 20:20 |

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| | 1 | (("0570786" "0660559" "0719426" "0945403" "1120367" "1120408" "1120410" "1639231" "1852089" "3054320" "3213744" "3493163" "3703119" "3742809" "3766819" "3911782" "3974734" "4056037" "4100834" "4114654" "4195547" "4330230" "4484848" "4537541" "4772166" "4789282" "4854793" "4904135" "4946325" "5161916" "5169269" "5593261"). PN.) not (("0570786" "0660559" "0719426" "0945403" "1120367" "1120408" "1120410" "1639231" "1852089" "3213744" "3493163" "3703119" "3742809" "3766819" "3911782" "3974734" "4056037" "4100834" "4114654" "4195547" "4330230" "4484848" "4537541" "4772166" "4789282" "4854793" "4904135" "4946325" "5161916" "5169269" "5593261"). PN.) | USPAT | 2004/11/14 20:21 |
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